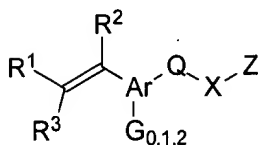


TEXT OF CLAIMS

18. (currently amended) A compound having the structure:



in which

Ar is an aromatic or heteroaromatic ring or fused ring having 3 to 10 carbon atoms within the ring structure, in which the heteroatoms may be N, O, or S;

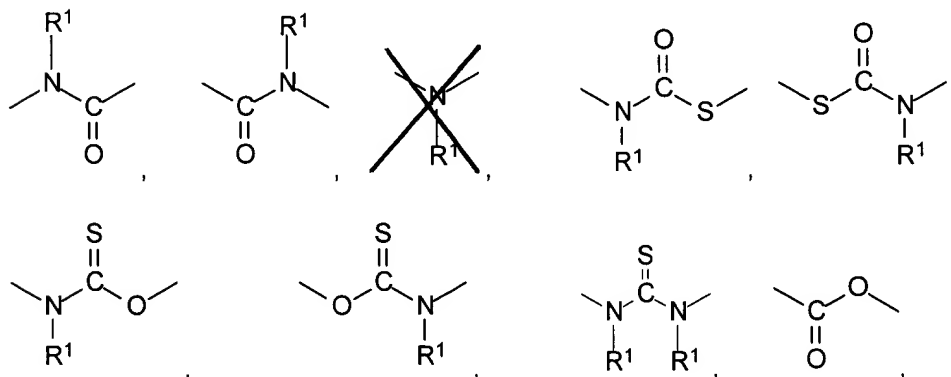
R¹ and R³ are hydrogen;

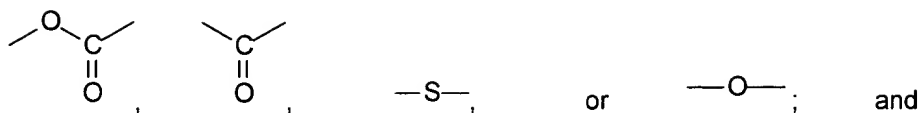
~~R¹, R², and R³ are independently~~ is hydrogen, or an alkyl group having 1 to 12 carbon atoms, or Ar as described above;

G is -OR⁴, -SR⁴, -N(R¹)(R²), Ar as described above, or an alkyl group having 1 to 12 carbon atoms, in which R¹ and R² are as described above, and R⁴ is Ar as described above or an alkyl group having 1 to 12 carbon atoms;

Q is an alkyl group having 1 to 12 carbon atoms;

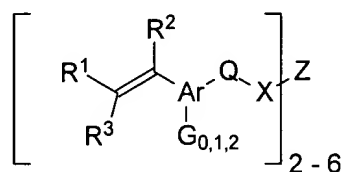
X is





Z is an alkyl group, a siloxane, a polysiloxane, a C₁ to C₄ alkoxy-terminated siloxane or polysiloxane, a polyester, a polyurethane, a poly(butadiene), or an aromatic, polyaromatic or heteroaromatic group.

19. (original) A compound having the structure:



in which

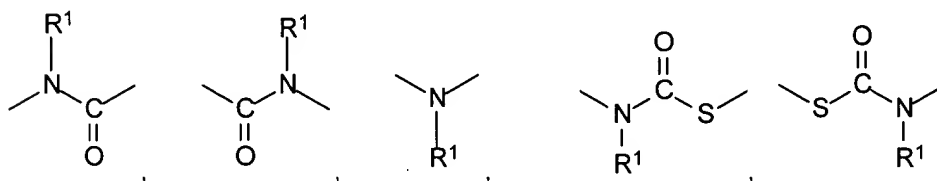
Ar is an aromatic or heteroaromatic ring or fused ring having 3 to 10 carbon atoms within the ring structure, in which the heteroatoms may be N, O, or S;

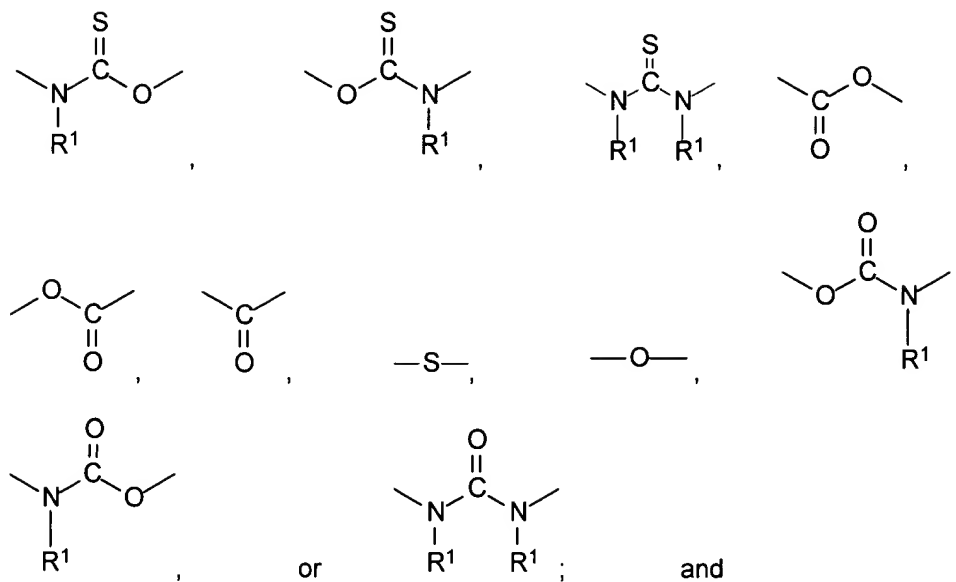
R¹, R², and R³ are independently hydrogen, an alkyl group having 1 to 12 carbon atoms, or Ar as described above;

G is ---OR^4 , ---SR^4 , $\text{---N(R}^1\text{)(R}^2\text{)}$, Ar as described above, or an alkyl group having 1 to 12 carbon atoms, in which R¹ and R² are as described above, and R⁴ is Ar as described above or an alkyl group having 1 to 12 carbon atoms;

Q is an alkyl group having 1 to 12 carbon atoms;

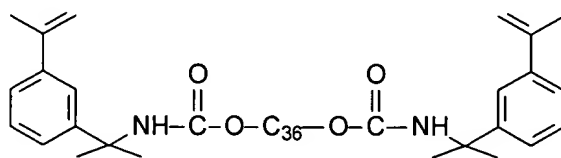
X is



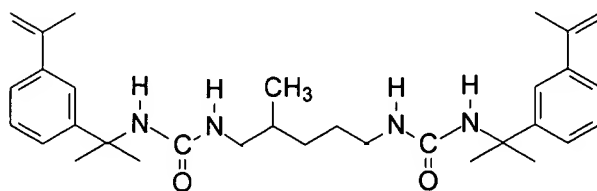
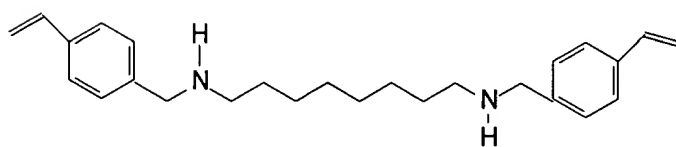
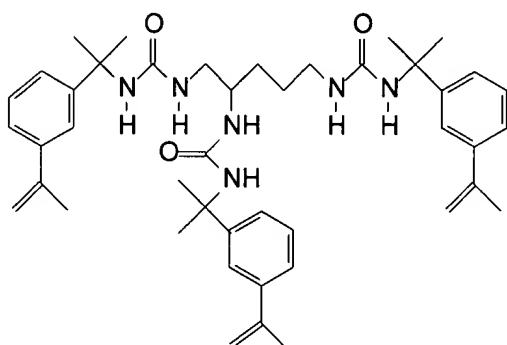
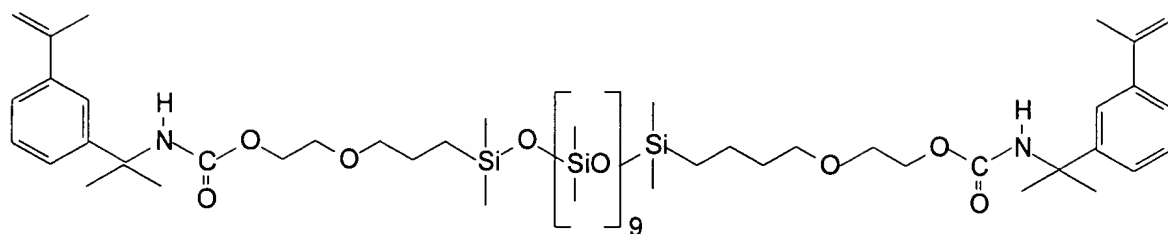
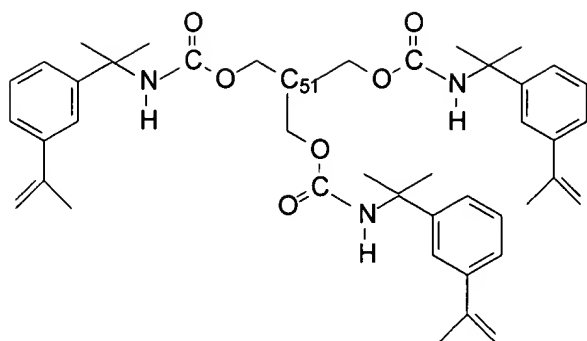


Z is an alkyl group, a siloxane, a polysiloxane, a C₁ to C₄ alkoxy-terminated siloxane or polysiloxane, a polyester, a polyurethane, a poly(butadiene), or an aromatic, polyaromatic or heteroaromatic group.

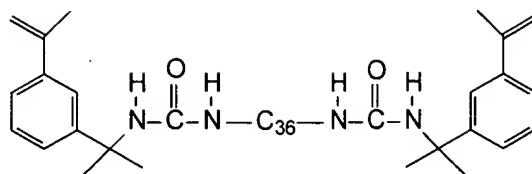
20. (original) The compound according to claim 19 having the structure:



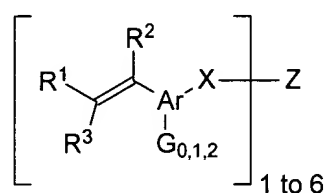
21. (original) The compound according to claim 19 selected from the group consisting of:



and



22. (amended) A compound having the structure:



in which

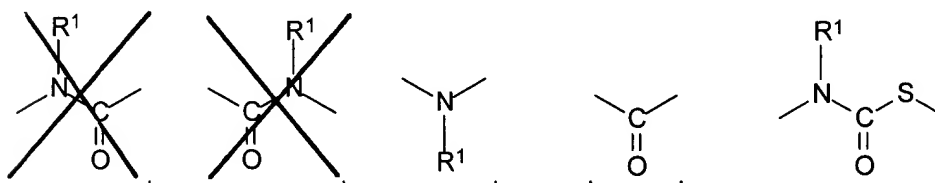
Ar is an aromatic or heteroaromatic ring or fused ring having 3 to 10 carbon atoms within the ring structure, in which the heteroatoms may be N, O, or S;

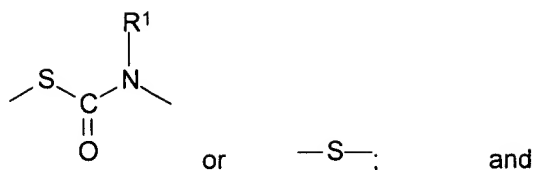
R¹ and R³ are hydrogen;

~~R¹, R², and R³ are independently~~ is hydrogen, or an alkyl group having 1 to 12 carbon atoms, ~~or Ar as described above;~~

G is -OR⁴, -SR⁴, -N(R¹)(R²), Ar as described above, or an alkyl group having 1 to 12 carbon atoms, in which R¹ and R² are as described above, and R⁴ is Ar as described above or an alkyl group having 1 to 12 carbon atoms;

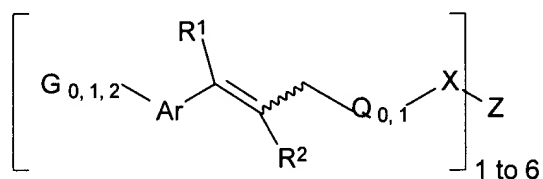
X is





Z is an alkyl group, a siloxane, a polysiloxane, a C₁ to C₄ alkoxy-terminated siloxane or polysiloxane, a polyester, a polyurethane, a poly(butadiene), or an aromatic, polyaromatic or heteroaromatic group.

23. (original) A compound having the structure:



in which

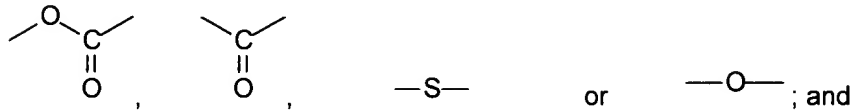
Ar is an aromatic or heteroaromatic ring or fused ring having 3 to 10 carbon atoms within the ring structure, in which the heteroatoms may be N, O, or S;

R¹ and R² are independently hydrogen, an alkyl group having 1 to 12 carbon atoms, or Ar as described above;

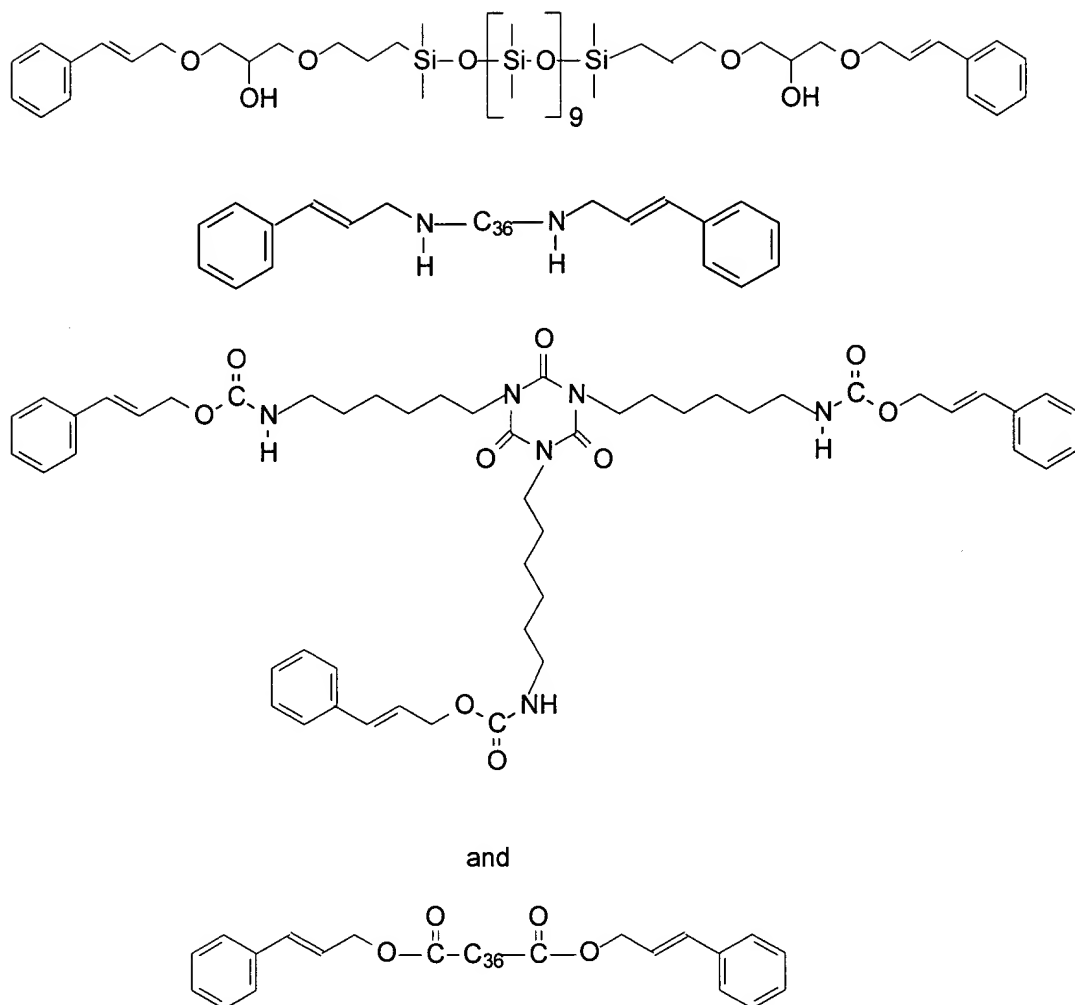
G is ---OR^4 , ---SR^4 , $\text{---N(R}^1\text{)(R}^2\text{)}$, Ar as described above, or an alkyl group having 1 to 12 carbon atoms, in which R¹ and R² are as described above and R⁴ is Ar as described above or an alkyl group having 1 to 12 carbon atoms;

Q is an alkyl group having 1 to 12 carbon atoms;

X is



The image displays two chemical structures of 36-mer oligomers. The top structure is a poly(amide) with two 4-allylphenyl groups at the ends, connected by amide bonds. The bottom structure is a poly(ether) with two 4-allylphenyl groups at the ends, connected by ether bonds. Both structures feature a central C₃₆ chain.



25. (original) A curable composition comprising a compound according to claim 18 and a conductive or nonconductive filler.

26. (original) A curable composition comprising a compound according to claim 19 and a conductive or nonconductive filler.

27. (original) A curable composition comprising a compound according to claim 22 and a conductive or nonconductive filler.

28. (original) A curable composition comprising a compound according to claim 23 and a conductive or nonconductive filler.